

Application No. 10/617,041  
Amendment Dated November 23, 2005  
Reply to Office Action of September 23, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A low voltage luminaire assembly comprising:
  - a transformer having a power supply fitting and a power output fitting, said supply and output fittings being push-in wire connectors and adapted to respectively connect an end of an electrical power supply wire and an end of an electrical power output wire to said transformer, said supply and output fittings adapted for quick-release of said respective ends of said electrical power supply and output wires, said electrical power supply wire adapted to connect said transformer to an electrical power supply; and
  - a lamp holder having an electrical power supply connector and an electrical power output connector, said supply connector being a push-in wire connector and adapted for attachment of an opposing end of said electrical power output wire, said output connector being a push-in wire connector and adapted for attachment of another electrical power supply wire, said lamp holder adapted to receive a lamp;  
wherein each of said push-in wire connectors includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wire connector.
2. (original) The low voltage luminaire assembly of claim 1, wherein said transformer has an electrical protection system.
3. (original) The low voltage luminaire assembly of claim 1, wherein said transformer is rated for between about 20 watts to about 60 watts.

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4. (original) The low voltage luminaire assembly of claim 1, wherein  
said transformer is adapted to receive about 120VAC and to output from about  
11VDC to about 12VDC.
5. (original) The low voltage luminaire assembly of claim 1, wherein  
said transformer includes a mountable side adapted to mount said transformer to  
an object.
6. (original) The low voltage luminaire assembly of claim 5, wherein  
said mountable side is mountable by selecting from the group consisting of an  
adhesive, an adhesive tape, a screw, a bolt, a snap-fitting, a press-fitting, a  
rivet, a nail, and combinations thereof.
7. canceled
8. (previously amended) The low voltage luminaire assembly of claim 1, wherein  
said push-in wire connectors are corrosion resistant.
9. (original) The low voltage luminaire assembly of claim 1, wherein  
said supply wire is rated for about 120VAC.
10. (original) The low voltage luminaire assembly of claim 1, wherein  
an electrical plug component is connected to said electrical power supply wire.
11. (original) The low voltage luminaire assembly of claim 10, wherein  
said electrical plug component is adapted to pierce said electrical power supply  
wire.
12. (original) The low voltage luminaire assembly of claim 1, further comprising  
a dimmer switch connected to said electrical power supply wire.

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13. (original) The low voltage luminaire assembly of claim 12, wherein  
said dimmer switch is adapted to pierce said electrical power supply wire.
14. (original) The low voltage luminaire assembly of claim 1, wherein  
said lamp holder includes a second mountable side adapted for mounting said  
lamp holder to an object.
15. (original) The low voltage luminaire assembly of claim 14, wherein  
said second mountable side is mountable by selecting from the group consisting of  
an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a  
snap-fitting, a press-fitting, and combinations thereof.
16. (currently amended) The low voltage luminaire assembly of claim 1, wherein  
~~said supply and output fittings have means for releasing one of said respective  
ends of said electrical power supply and output wires~~ said movable member is  
selected from the group consisting of a connector spring, a detent, a pressure  
plate, a leaf spring, an aperture defining capture teeth and combinations  
thereof.
17. (original) The low voltage luminaire assembly of claim 16, wherein  
~~said means for releasing is a quick release device having a quick release button  
adapted to temporarily neutralize a spring constant~~ said activating member is a  
quick-release button.
18. (original) The low voltage luminaire assembly of claim 1, wherein  
said lamp is selected from the group consisting of an incandescent lamp, a xenon  
lamp, a fluorescent lamp, a neon lamp, a halogen lamp, and combinations  
thereof.
19. (original) The low voltage luminaire assembly of claim 1, wherein  
said lamp holder is a plurality of lamp holders.

20. (currently amended) A light assembly comprising:
  - a transformer having an electrical power supply push-in wiring terminal and an electrical power output push-in wiring terminal, said electrical power supply and output wiring terminals adapted for respectively connecting and disconnecting an electrical power supply wire and an electrical power output wire to said transformer;

wherein each of said push-in wiring terminals includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wiring terminal.
21. (original) The lighting assembly as in claim 20, wherein said transformer has an electrical protection system.
22. (original) The lighting assembly of claim 20, wherein said transformer has a mountable side adapted for mounting said transformer to an object.
23. (original) The lighting assembly of claim 22, wherein said mountable side is mountable by selecting from the group consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
24. (original) The lighting assembly as in claim 20, wherein said electrical power supply push-in and output wiring terminals are adapted for quickly releasing a wire.

25. (original) The lighting assembly as in claim 20, wherein  
a lamp holder has an input connector, said input connector adapted to be  
connected to said electrical power output wiring terminal of said transformer  
with a lamp holder lead wire.
26. (original) The lighting assembly as in claim 25, wherein  
said lamp holder is adapted to be connected to another lamp holder with another  
lamp holder lead wire.
27. (original) The lighting assembly as in claim 25, wherein  
said lamp holder has a mountable side adapted to mount said lamp holder to an  
object.
28. (original) The lighting assembly as in claim 27, wherein  
said mountable side is mountable by selecting from the group consisting of an  
adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-  
fitting, a press-fitting, and combinations thereof.
29. (currently amended) A method for installing a low voltage luminaire assembly,  
comprising the steps of:  
providing a low voltage luminaire assembly kit having a lamp holder and a  
transformer;  
attaching the lamp holder to an area;  
attaching the transformer to the area; and  
connecting a lead wire from the lamp holder to a capture and push-in wiring  
quick-release fitting of the transformer, the capture and push-in wiring quick-  
release fitting including a movable member adapted to releasably retain the  
inserted wire and an activating member adapted to move said movable

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member to release the inserted wire such that the inserted wire is quickly released from said capture and push-in wiring quick-release fitting.

30. (original) The method as in claim 29, wherein  
attaching the lamp holder comprises attaching a plurality of lamp holders.
31. (original) The method as in claim 30, further comprising  
linking at least two of the lamp holders via a lead wire.
32. (original) The method as in claim 29, further comprising  
connecting the transformer to a source of electrical power.
33. (original) The method as in claim 31, further comprising  
measuring a length of the lead wire required between each lamp holder.
34. (original) The method as in claim 33, further comprising  
cutting the lead wire to the required length.
35. (original) The method as in claim 29, further comprising  
mounting the lamp holder and the transformer by selecting from the group  
consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a  
nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
36. (original) The method as in claim 32, further comprising  
attaching an electrical plug component to the transformer to connect the  
transformer to the electrical power source.
37. (original) The method as in claim 36, further comprising  
attaching a dimmer switch proximate the electrical plug component, the dimmer  
switch adapted to selectively adjust a resistance in an electrical circuit between  
the electrical plug component and the transformer.

38. (currently amended) The method as in claim 29, wherein  
connecting the lead wire to the capture and quick-release fitting of the transformer  
comprises connecting the lead wire to the movable member of the capture and  
quick-release fitting that is selected from the group consisting of a connector  
spring, a detent, a pressure plate, a leaf spring, an aperture defining capture  
teeth and combinations thereof.
39. (original) The method as in claim 29, further comprising  
inserting a lamp in the lamp holder.
40. (original) The method as in claim 29, further comprising  
routing the lead wire in a non-linear orientation.
41. (original) The method as in claim 29, wherein  
providing a low voltage luminaire assembly kit having a lamp holder and a  
transformer comprises providing a transformer having an electronic protection  
system..
42. (original) The method as in claim 41, wherein  
providing a transformer having an electronic protection system comprises  
providing a transformer having a built-in circuit breaker as the electronic  
protection system.
43. (currently amended) A method for servicing a luminaire assembly, comprising the  
steps of:  
disconnecting the luminaire assembly from a source of electrical power;  
releasing electrical wires from one of a transformer and a lamp holder with quick-  
release push-in wiring connections, each of the quick-release push-in wiring

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connections including a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the inserted wire such that the inserted wire is quickly released from the quick-release push-in wiring connection;

removing one of the transformer and lamp holder from an installation area; attaching one of a replacement transformer and another lamp holder in the installation area; and

reinserting the electrical wires in the push-in wiring connection in one of the replacement transformer and the another lamp holder.

44. (original) The method as in claim 43, further comprising  
reconnecting the luminaire assembly to the electrical power source.
45. (original) The method as in claim 43, further comprising  
replacing the transformer with a higher rated transformer.
46. (original) The method as in claim 43, further comprising  
adjusting a position of one of the transformer and the lamp holder.
47. (original) The method as in claim 46, wherein  
adjusting the position comprises adjusting the position by selecting from the group consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
48. (original) The method as in claim 43, further comprising  
removing or inserting a plurality of bulbs.
49. (currently amended) A lighting assembly, comprising:  
a lamp holder having an electrical power supply push-in wiring terminal and an electrical power output push-in wiring terminal, said electrical power supply push-in and output push-in wiring terminals adapted for respectively

connecting and disconnecting an electrical power supply wire and an electrical power output wire to said lamp holder;

wherein each of said push-in wiring terminals includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wire connector.

50. (original) The lighting assembly as in claim 49, wherein  
said lamp holder has a mountable side adapted for mounting said lamp holder to  
an object.
51. (original) The lighting assembly as in claim 50, wherein  
said mountable side is mountable by selecting from the group consisting of an  
adhesive, an adhesive tape, a screw, a bolt, a nut, a snap-fitting, a press-fitting,  
a rivet, a nail, a pin, and combinations thereof.
52. (currently amended) The lighting assembly as in claim 49, wherein  
~~said electrical power supply push-in and output wiring terminals are adapted for~~  
~~quickly releasing a wire~~ said movable member is a leaf spring and said  
activating member is a button adapted to move said leaf spring to quickly  
release the inserted wire.
53. (previously amended) The lighting assembly as in claim 49, wherein  
a transformer has an output connector, said output connector adapted to connect to  
said electrical power supply connector of said lamp holder with a lead wire.
54. (original) The lighting assembly as in claim 53, wherein  
said transformer includes a mountable side adapted to mount said transformer to  
an object.

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55. (original) The lighting assembly of claim 54, wherein  
said mountable side is mountable by selecting from the group consisting of an  
adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-  
fitting, a press-fitting, and combinations thereof.
56. (original) The lighting assembly as in claim 53, wherein  
said transformer has an electrical protection system.